

59639-147

05/06/2008

1/16



**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
**Office of Pesticide Programs**  
**Registration Division (7505P)**  
**Ariel Rios Building**  
**1200 Pennsylvania Ave., NW**  
**Washington, D.C. 20460**

EPA Reg. Number:  
 59639-147

Date of Issuance:  
 MAY 6 2008

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance: conditional

Name of Pesticide Product:  
 Metconazole 50 WDG  
 Fungicide

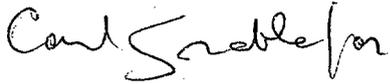
Name and Address of Registrant (include ZIP Code):  
 Valent U.S.A. Corporation  
 1600 Riviera Ave. Suite 200  
 Walnut Creek, CA 94596-8025

**Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.**

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) and (B) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. You make the following label changes:
  - a. Add the phrase "EPA Registration No.59639-147" to the label.
  - b. For peanuts, add the following rotational crop restrictions: a 30-day plant back interval for leafy vegetables and Brassica leafy vegetables and a 120-day plant back interval for all crops other than those listed on the label.

Signature of Approving Official:  
  
 Mary L. Waller, PM 21  
 Fungicide Branch  
 Registration Division (7505P)

Date:  
 MAY 6 2008

2/16

Page 2  
EPA Reg. No. 59639-147

c. In the warranty statement, revise the second sentence of the Limited Warranty to add the phrase "To the extent consistent with applicable law - - -". Also, under Limitation of Liability, add "To the fullest extent allowed by law - - -", to the last sentence.

3. Submit one copy of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Mary L. Waller  
Product Manager 21  
Fungicide Branch  
Registration Division (7505P)

Enclosure

7505P:CGrable:cg:4/30/08

59639-RUT

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

3/16



MAY 6 2008

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

59639-147

GROUP 3 FUNGICIDE

# METCONAZOLE 50 WDG Fungicide

FOR CONTROL AND/OR SUPPRESSION OF CERTAIN DISEASES IN PEANUT, STONE FRUIT AND TREE NUTS

Active Ingredient	By Wt.
Metconazole* .....	50%
Other Ingredients .....	50%
Total .....	100%

\*5-[(4-chlorophenyl)methyl]-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol

Metconazole 50 WDG Fungicide is a water dispersible granule containing 50% active ingredient.

KEEP OUT OF REACH OF CHILDREN

## CAUTION

SEE NEXT PAGE FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

NET WEIGHT \_\_\_\_\_

4/16

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

### FIRST AID

- If swallowed:**
- Call a poison control center or doctor immediately for treatment advice.
  - Have person sip a glass of water if able to swallow.
  - Do not induce vomiting unless told to do so by the poison control center or doctor.
  - Do not give anything by mouth to an unconscious person.
- If in eyes:**
- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
  - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
  - Call a poison control center or doctor for treatment advice.

### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact **1-800-892-0099** for emergency medical treatment information.

### PERSONAL PROTECTIVE EQUIPMENT (PPE):

**Applicators and other handlers must wear:** long-sleeved shirt and long pants, socks and shoes.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to shrimp. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by disposing of equipment washwaters or rinsate. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas.

5/16

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is coveralls, waterproof gloves, socks and shoes.

6/16

**DISCLAIMER, RISKS OF USING THIS PRODUCT,  
LIMITED WARRANTY  
AND LIMITATION OF LIABILITY**

**IMPORTANT:** Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

**RISKS OF USING THIS PRODUCT**

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

**LIMITED WARRANTY**

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and subject to the Risks of Using This Product as described above. EXCEPT AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

**LIMITATION OF LIABILITY**

In no event shall Valent or Seller be liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

**PROMPT NOTICE OF CLAIM**

Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is latter, so that an immediate inspection of the affected property and growing crops can be made.

If Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

**NO AMENDMENTS**

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability, which may not be modified by any oral or written agreement.

**TANK MIXES**

**NOTICE:** Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor.

Read and follow the entire label of each product to be used in the tank mix with this product.

## TABLE OF CONTENTS

General Information.....  
Mode of Action.....  
Resistance Management.....  
Ranfastness.....  
Additives.....  
Jar Test to Determine Compatibility of Adjuvants and *Metconazole* 50 WDG.....  
Sprayer Preparation.....  
Application Equipment.....  
Sprayer Cleanup.....  
Mixing Instructions.....  
Carrier Volume.....  
Aerial Application.....  
Spray Drift Management.....  
Restrictions and Limitations – All Crops.....  
Crop Specific Recommendations, Restrictions and Limitations – Peanut.....  
Crop Specific Recommendations, Restrictions and Limitations – Stone Fruit.....  
Crop Specific Recommendations, Restrictions and Limitations – Tree Nuts.....  
Storage and Disposal.....

## GENERAL INFORMATION

*Metconazole* 50 WDG Fungicide is formulated as 50% water dispersible granular (WDG). The active ingredient in *Metconazole* 50 WDG is metconazole, a broad-spectrum triazole fungicide that works by inhibiting demethylation and other processes in sterol biosynthesis. *Metconazole* 50 WDG is systemic and is quickly absorbed into plant tissue. Metconazole is absorbed quickly into the plant tissue and can move up, but not down in the plant. Metconazole has no effect on fungal spore germination, but interferes with other early developmental processes in the life cycle of certain fungi. Although *Metconazole* 50 WDG cannot prevent spore germination, it prevents spore formation and inhibits mycelial growth.

*Metconazole* 50 WDG can be applied pre- or post-infection, but is most effective when applied prior to infection. Optimal disease control is achieved when *Metconazole* 50 WDG is applied in a regularly scheduled spray program used in combination and/or rotation with other effective fungicides that have different modes of action (i.e., non Group 3 fungicides). *Metconazole* 50 WDG is a sterol biosynthesis inhibitor, avoid rotating with other sterol biosynthesis inhibitors, such as Folicur<sup>®</sup>, Nova<sup>®</sup>, Procure<sup>®</sup> or Tilt<sup>®</sup>.

### MODE OF ACTION

The active ingredient in *Metconazole* 50 WDG, metconazole, belongs to the sterol biosynthesis inhibitor group of fungicides as classified by the U.S. EPA and Canada PMRA as a target site of action Group 3 fungicide.

### RESISTANCE MANAGEMENT

*Metconazole* 50 WDG contains metconazole a Group 3 fungicide (sterol biosynthesis inhibitors). Metconazole is effective against pathogens resistant to fungicides with modes of action different from those of target site Groups 3 fungicides, (e.g., dicarboximides, strobilurins, benzimidazoles or phenylamides). Fungal isolates may eventually dominate the fungal population if used repeatedly at the same site or in successive years as the primary method of control for the targeted pathogen species. Selection for resistance may be particularly rapid if resistance to Group 3 fungicides is already present in the pathogen population. This may result in reduced disease control by *Metconazole* 50 WDG or other Group 3 fungicides. Group 3 resistance may result in reduced disease control by *Metconazole* 50 WDG or other Group 3 fungicides. To maintain the performance of *Metconazole* 50 WDG in the field, do not exceed the total number of sequential applications or the total number of seasonal applications of *Metconazole* 50 WDG as stated in "CROP SPECIFIC RECOMMENDATIONS, RESTRICTIONS, AND LIMITATIONS". Adhere to the label instructions regarding the consecutive uses of *Metconazole* 50 WDG or other target site of action Group 3 fungicides on the same pathogens. The following recommendations may be considered to further delay the development of Group 3 fungicide resistance:

1. **Tank Mixtures:** If *Metconazole* 50 WDG is used in tank mixtures with fungicides from different target site of action groups that are registered and/or permitted for the same use and that are effective against the pathogens of concern, Valent recommends using at least the minimum labeled rates of each fungicide in the tank mix.
2. **Integrated Pest Management (IPM):** *Metconazole* 50 WDG should be integrated into an overall disease and pest management program. Cultural practices known to reduce disease development should be followed. Consult your local extension specialist, certified crop advisor and/or Valent representative for additional IPM strategies established for your area. *Metconazole* 50 WDG may be used in advisory (disease forecasting) programs, which recommend application timing based on environmental factors favorable for disease development.
3. **Monitoring:** Monitor efficacy of all fungicides used in the disease management program against the targeted pathogen and record other factors that may influence fungicide performance and/or disease development.
4. **Reporting:** If a Group 3 target site fungicide appears to be less or no longer effective against a pathogen that it previously controlled or suppressed, contact a Valent representative, local extension specialist and/or certified crop advisor to assist in determining the cause of reduced performance.

**RAINFASTNESS**

*Metconazole 50 WDG* is rainfast 2 hours after application. Applications should not be made if rain is expected within 2 hours of application or disease control may be reduced.

**JAR TEST TO DETERMINE COMPATIBILITY OF ADJUVANTS AND METCONAZOLE 50 WDG**

A jar test should be performed before mixing commercial quantities of *Metconazole 50 WDG*, when using this product for the first time, when using new adjuvants, when using new tank mixes, or when using a new water source.

1. Add 1 pt. of the water to a quart jar. The water should be from the same source and temperature as that to be used in the spray tank mixing operation.
2. Add 2 g of *Metconazole 50 WDG* to the quart jar, gently mix until product goes into suspension.
3. Add 1 ml of new adjuvant or and/or appropriate amount of new tank mix partner and gently mix.
4. Place cap on jar, invert 10 times, let stand for 15 minutes, evaluate.
5. An acceptable tank mix combination will have a smooth, uniform appearance. If any of the following conditions are observed, the choice of spray mix components should be questioned:
  - a) Layer of oil or globules on the mixture's surface.
  - b) Flocculation: formation of fluffy, cloudlike aggregates or masses in suspension or as a layer on the bottom of the jar.
  - c) Clabbering: Thickening texture (coagulated) like gelatin or cottage cheese.

**SPRAYER PREPARATION**

Before applying *Metconazole 50 WDG*, start with clean, well maintained application equipment. The spray tank hoses and booms must be cleaned to ensure no residue from the previous spraying operations remain in the sprayer. The spray equipment must be cleaned according to the manufacturer's directions for the last product used before the equipment is used to apply *Metconazole 50 WDG*. If two or more products were tank mixed prior to *Metconazole 50 WDG* application, the most restrictive cleanup procedure should be followed.

**APPLICATION EQUIPMENT**

Application equipment should be clean and in good repair. Nozzles should be frequently checked for accuracy.

**SPRAYER CLEANUP**

Spray equipment should be cleaned each day following *Metconazole 50 WDG* application. After application is complete, the following steps should be used to clean the spray equipment:

1. Completely drain the spray tank, rinse the sprayer thoroughly, including the inside and outside of the tank and all in-line screens.
2. Fill the spray tank with clean water and flush all hoses, booms, screens and nozzles.
3. Drain tank completely.
4. Remove all nozzles and screens and rinse them in clean water.

**MIXING INSTRUCTIONS**

1. Fill clean spray tank 1/2 to 2/3 of desired level with clean water.
2. While agitating, slowly add the *Metconazole 50 WDG* to the spray tank. Agitation should create a rippling or rolling action on the water surface.
3. If tank mixing *Metconazole 50 WDG* with other labeled pesticides, add water soluble bags first, followed by dry formulations, flowables, emulsifiable concentrates and then solutions.
4. Add any required adjuvants.
5. Fill spray tank to desired level with water. Agitation should continue until all spray solution has been applied.

10/16

- Mix only the amount of spray solution that can be applied the day of mixing. *Metconazole* 50 WDG should be applied within 24 hours of mixing.

#### CARRIER VOLUME

Apply *Metconazole* 50 WDG in sufficient water to ensure thorough coverage of foliage, blossoms and fruit. Thorough coverage is required for optimal disease control. **For ground application**, apply a minimum of 20 gallons of spray mixture per acre. **For aerial application**, apply a minimum of 5 gallons spray mixture per acre to assure uniform coverage. Follow individual "CROP SPECIFIC RECOMMENDATIONS, RESTRICTIONS, AND LIMITATIONS for appropriate spray volumes.

#### AERIAL APPLICATION

To minimize drift, apply the largest droplet size consistent with uniform coverage and satisfactory disease control. To obtain satisfactory application and avoid drift, the following directions must be observed:

Do not apply during low level inversion conditions, when winds are gusty or under other conditions that favor drift. Do not spray when wind velocity is less than 2 mph or more than 10 mph.

- Carrier Volume and Spray Pressure**

Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types, lower pressures produce larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.

**For aerial application on peanut:** use a minimum of 5 gals. of water per acre. Higher gallage applications, 7 gals. or more of water, generally afford more consistent disease control.

**For aerial application on orchards:** use a minimum of 20 gals. of water per acre.

- Nozzle Selection and Orientation**

Formation of very small drops may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray pressure. Use nozzles that produce flat fan or cone spray patterns. Use non-drip type nozzles, such as diaphragm type nozzles, to avoid unwanted discharge of spray solution. The nozzles must be directed toward the rear of the aircraft, producing a spray discharge at an angle between 0 and 15° downward. Do not place nozzles on the outer 25% of the wings or rotors.

- Adjuvants and Drift Control Additives**

Refer to tank mix partner's label for adjuvant recommendations. Drift control additives may be used. For drift control, coarser sprays through appropriate nozzle and pressure selection is usually more effective. When a drift control additive is used, read and carefully observe the cautionary statements and all other information appearing on the additive label. Compatibility of all of the tank mix and nozzle types being used should be tested.

#### SPRAY DRIFT MANAGEMENT

Avoiding spray drift at the application site is the responsibility of the applicator. Do not apply this product when weather conditions favor spray drift from treated areas. The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator is responsible for considering all of these factors when making decisions. Where states have more stringent regulations, they should be observed.

Do not apply this product when weather conditions favor spray drift from treated areas. When applying by air, observe drift management restrictions and precautions listed under "AERIAL APPLICATION".

11/16

**RESTRICTIONS AND LIMITATIONS – ALL CROPS**

1. Do not apply this product through any type of irrigation system.
2. Maximum seasonal use rate: Do not apply more than the maximum rate per acre per season as listed in "CROP SPECIFIC RECOMMENDATIONS, RESTRICTIONS, AND LIMITATIONS".
3. Maximum rate per application: Do not apply more than the maximum rate per acre per application as listed in "CROP SPECIFIC RECOMMENDATIONS, RESTRICTIONS, AND LIMITATIONS".
4. Do not make more than the total number of applications of *Metconazole* 50 WDG per season as listed in "CROP SPECIFIC RECOMMENDATIONS, RESTRICTIONS, AND LIMITATIONS".
5. Preharvest Interval (PHI): See "CROP SPECIFIC RECOMMENDATIONS, RESTRICTIONS, AND LIMITATIONS".

Crops	Minimum Time from Application to Harvest (PHI) Days	Maximum Rate per Acre per Application (oz.)	Maximum Number of Sequential Applications	Maximum Number of Applications per Season	Maximum Rate per Acre per Season	Livestock Grazing or Feeding Restriction
Peanut	14	4.0 (0.125 lb. ai/A)	4	4	16 (0.500 lb. ai/A)	Yes
Stone Fruits: Apricot Cherry Nectarine Peach Plum	14	4.0 (0.125 lb. ai/A)	2	3	12 (0.375 lb. ai/A)	Yes
Tree Nuts: Almond Filbert Pecan Pistachio Walnut	25	4.0 (0.125 lb. ai/A)	2	4	16 0.500 lb. ai/A)	Yes

12/16

**CROP SPECIFIC RECOMMENDATION, RESTRICTIONS AND LIMITATIONS - PEANUT**

Peanut					
Diseases	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	oz./A	GPA			
Leaf spot - Early ( <i>Cercospora arachidicola</i> )	1.75 to 2.5 (0.054 to 0.08 lb. ai/A)	10 to 20	Seven Applications Schedule: Apply <i>Metconazole</i> 50 WDG in applications 1, 2, 6 and 7. Applications should be made on a 14 day schedule. Applications 3,4 and 5 should target leaf spot and rust with a non-group 3 fungicide.	For optimal control of leaf spot and rust, <i>Metconazole</i> 50 WDG should be tank mixed with a non-ionic surfactant.  Apply as a foliar spray in sufficient water to obtain through coverage of blossoms, foliage and/or fruit.	<ul style="list-style-type: none"> <li>Do not apply within 14 days of harvest.</li> <li>Do not apply more than 16 oz./A per season.</li> </ul>
Leaf Spot - Late ( <i>Cercosporidium personatum</i> )					
Rust ( <i>Puccinia arachidis</i> )					
Sclerotinia Blight ( <i>Sclerotinia minor</i> )	2.5 to 4.0 (0.08 to 0.125 lb. ai/A)	Aerial: Minimum 5 GPA	Seven Applications Schedule: Apply <i>Metconazole</i> 50 WDG in applications 3,4,5 and 6. Tank mix <i>Headline</i> ® with <i>Metconazole</i> 50 WDG in applications 4 and 6 for resistance management. Applications should be made on a 14 day schedule. Applications 1,2 and 7 should target leaf spot with a non-Group 3 fungicide such as chlorothalonil.	Under severe disease conditions the higher rate and shorter spray intervals should be used	
White Mold/ Stem Rot ( <i>Sclerotinia rolfsii</i> )					

**CROP SPECIFIC RECOMMENDATION, RESTRICTIONS AND LIMITATIONS – STONE FRUIT**

<b>Cherry (Sweet and Tart)</b>					
<b>Diseases</b>	<b>Application Rates</b>		<b>When to Apply</b>	<b>Special Use Instructions</b>	<b>Use Restrictions</b>
	<b>oz./A</b>	<b>GPA</b>			
Brown Rot Blossom Blight ( <i>Monilinia</i> sp.)	2.5 to 3.5 (0.08 to 0.11 lb. ai/A)	100 to 400  Aerial: Minimum 20 GPA	Begin applications at green tip. If conditions are favorable for disease development, make additional applications at full bloom and at petal fall.	<i>Metconazole</i> 50 WDG should be used as an integrated part of an Integrated Pest Management (IPM) program.	<ul style="list-style-type: none"> <li>Do not apply within 14 days of harvest.</li> <li>Do not make more than 2 applications after petal fall.</li> <li>Do not make more than 3 applications per season.</li> <li>Do not apply more than 12 oz./A per season.</li> </ul>
Powdery Mildew ( <i>Podosphaera leucotricha</i> )	3.5 to 4.0 (0.11 to 0.125 lb. ai/A)		Following brown rot/blossom blight schedule, make additional applications on a 10 to 14 day interval until terminal growth ceases.	Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit.  Under severe disease conditions the higher rate and shorter spray intervals should be used.	
<b>Apricot, Nectarine and Peach</b>					
<b>Diseases</b>	<b>Application Rates</b>		<b>When to Apply</b>	<b>Special Use Instructions</b>	<b>Use Restrictions</b>
	<b>oz./A</b>	<b>GPA</b>			
Brown Rot Blossom Blight ( <i>Monilinia</i> sp.)	2.5 to 3.5 (0.08 to 0.11 lb. ai/A)	100 to 400  Aerial: Minimum 20 GPA	Begin applications at early pink bud stage before infection occurs. If conditions are favorable for disease development, make additional applications at full bloom and at petal fall.	<i>Metconazole</i> 50 WDG should be used as an integrated part of an Integrated Pest Management (IPM) program.	<ul style="list-style-type: none"> <li>Do not apply within 14 days of harvest.</li> <li>Do not make more than 2 applications after petal fall.</li> <li>Do not make more than 3 applications per season.</li> <li>Do not apply more than 12 oz./A/season.</li> </ul>
Fruit Brown Rot ( <i>Monilinia</i> sp.)	3.5 to 4.0 (0.11 to 0.125 lb. ai/A)		Make application up to 14 days prior to harvest.	Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit.	
Scab ( <i>Cladosporium carpophilum</i> )	2.5 to 3.5 (0.08 to 0.11 lb. ai/A)		Begin application when bud tissue is susceptible to disease development (i.e., pink, white or red bud). If conditions are favorable for disease development, make a second application at full bloom or at petal fall.	Under severe disease conditions the higher rate and shorter spray intervals should be used.	

continued

14/16

CROP SPECIFIC RECOMMENDATION, RESTRICTIONS AND LIMITATIONS – STONE FRUIT (continued)

Plum					
Disease	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	oz./A	GPA			
Brown Rot Blossom Blight ( <i>Monilinia</i> sp.)	2.5 to 3.5 (0.08 to 0.11 lb. ai/A)	100 to 400  Aerial: Minimum 20 GPA	Begin applications at green tip. If conditions are favorable for disease development, make additional applications at full bloom and at petal fall.	<i>Metconazole</i> 50 WDG should be used as an integrated part of an Integrated Pest Management (IPM) program.  Apply as a foliar spray in sufficient water to obtain through coverage of blossoms, foliage and/or fruit.	<ul style="list-style-type: none"> <li>Do not apply within 14 days of harvest.</li> <li>Do not make more than 2 applications after petal fall.</li> <li>Do not make more than 3 applications per season.</li> <li>Do not apply more than 12 oz./A per season.</li> </ul>
Powdery Mildew ( <i>Podosphaera leucotricha</i> )	3.5 to 4.0 (0.11 to 0.125 lb. ai/A)		Following brown rot/blossom blight schedule, make additional applications on a 10' to 14 day interval until terminal growth ceases.  Under severe disease conditions the higher rate and shorter spray intervals should be used.		

15/16

CROP SPECIFIC RECOMMENDATION, RESTRICTIONS AND LIMITATIONS – TREE NUTS

Almond, Filbert and Walnut

Diseases	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	oz./A	GPA			
Brown Rot Blossom Blight ( <i>Monilinia laxa</i> )	2.5 to 3.5 (0.08 to 0.11 lb. ai/A)	100 to 400  Aerial: Minimum 20 GPA	Begin applications at pink bud (approximately 5% bloom). If conditions are favorable for disease development, make additional applications at full bloom and at petal fall.	<i>Metconazole</i> 50 WDG should be used as an integrated part of an Integrated Pest Management (IPM) program.  Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit.	<ul style="list-style-type: none"> <li>Do not apply within 25 days of harvest</li> <li>Do not make more than 2 applications after petal fall.</li> <li>Do not make more than 4 applications per season.</li> <li>Do not apply more than 16 oz./A per season.</li> </ul>
Shot Hole ( <i>Wilsonomyces carpophilus</i> )	2.5 (0.08 lb. ai/A)		If fruiting structures are present in leaf lesions in fall, an application should be made the following spring at petal fall.  Continue applications at a 10 to 14 day interval as long as conditions are conducive to disease development.	Under severe disease conditions the higher rate and shorter spray intervals should be used.	

Pecan

Diseases	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	oz./A	GPA			
Scab ( <i>Cercospora effuse</i> )	2.5 to 3.5 (0.08 to 0.11 lb. ai/A)	100 to 400  Aerial: Minimum 20 GPA	Begin applications when leaves reach one-half mature size.  Continue to make scab applications if scab model predicates need.	<i>Metconazole</i> 50 WDG should be used as an integrated part of an Integrated Pest Management program (IPM).  Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit.  Under severe disease conditions the higher rate should be used.	<ul style="list-style-type: none"> <li>Do not apply within 25 days of harvest</li> <li>Do not make more than 2 applications after petal fall.</li> <li>Do not make more than 4 applications per season.</li> <li>Do not apply more than 16 oz./A per season.</li> </ul>

Pistachio

Disease	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	oz./A	GPA			
Panicle and Shoot Blight ( <i>Botryosphaeria dothidea</i> )	4.0 (0.125 lb. ai/A)	100 to 400  Aerial: Minimum 20 GPA	Apply at 2 to 3 week intervals beginning at late May to early June	<i>Metconazole</i> 50 WDG should be used as integrated part of an Integrated Pest Management program (IPM).  Apply as a foliar spray in sufficient water to obtain thorough coverage of blossoms, foliage and/or fruit.	<ul style="list-style-type: none"> <li>Do not apply within 25 days of harvest</li> <li>Do not make more than 2 applications after petal fall.</li> <li>Do not make more than 4 applications per season.</li> <li>Do not apply more than 16 oz./A per season.</li> </ul>

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

### PESTICIDE STORAGE

Store in a cool dry place.

Keep pesticide in original container.

Keep container closed when not in use.

Do not put dilute into food or drink containers.

Not for use or storage in or around the home.

For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-892-0099.

### PESTICIDE DISPOSAL

Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

### CONTAINER DISPOSAL

Triple rinse (or equivalent). Do not reuse container. Offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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